

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number
WO 2004/036686 A1

(51) International Patent Classification⁷: H01Q 1/40,
1/32, 1/52, 1/12

(71) Applicants and

(72) Inventors (for CA, US only): IACOVELLA, Federico [IT/IT]; Via Monte Asolone, 38, I-36100 Vicenza (IT). RONZANI, Roberto [IT/IT]; Via Col d'Echele, 15, I-36100 Vicenza (IT).

(21) International Application Number: PCT/EP2003/011375

(74) Agents: BONINI, Ercole, et al.; Studio Ing. E. Bonini Srl, Corso Fogazzaro, 8, I-36100 Vicenza (IT).

(22) International Filing Date: 14 October 2003 (14.10.2003)

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

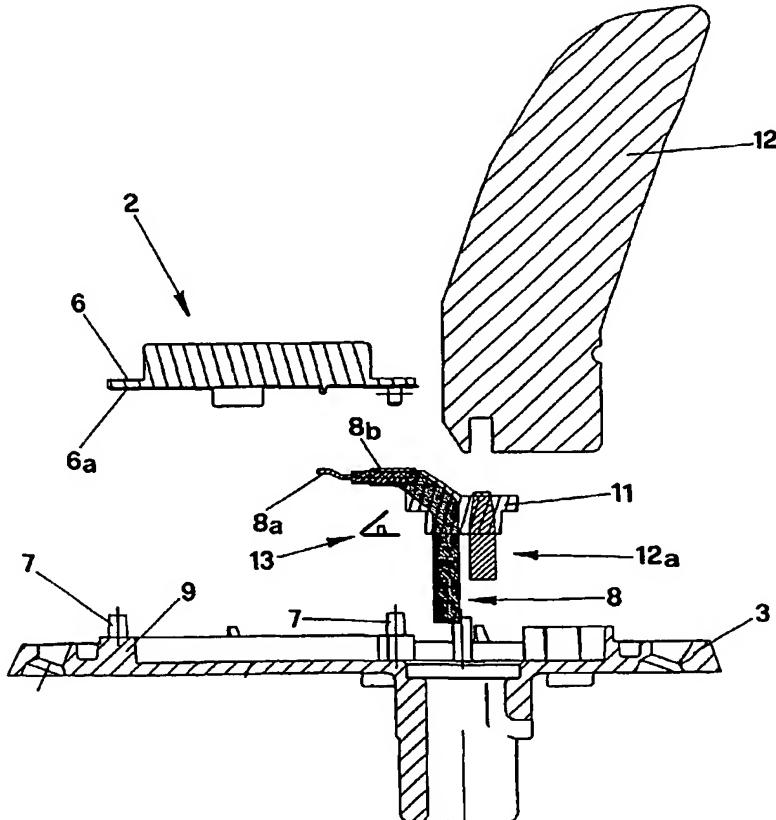
(26) Publication Language: English

(30) Priority Data: V12002A000212 15 October 2002 (15.10.2002) IT

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: VEHICULAR ANTENNA WITH IMPROVED SCREENING



(57) **Abstract:** vehicle antenna (1) comprising a satellite signal amplifier and/or receiver circuit (2) assembled on a board (6), an antenna base (3) for support of said board (6), applicable to the structure of a vehicle (A), connection means (7) to mechanically fix said board (6) to said antenna base (3), a coaxial cable (8) that connects the satellite signal amplifier and/or receiver circuit (2) to a receiving apparatus installed in the vehicle (A). Between the antenna base (3) and the board (6) electro-conductive elastic means (13) are interposed to achieve electricity continuity between the antenna base (3) and the metallic braiding (8b) of the coaxial cable (8) when the connection means (7) fix the board (6) to the antenna base (3).



Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CR, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*